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DERWENT-ACC-NO: 2005-712647

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TITLE: Detecting or determining amount of superoxide involves adding hydroethidine; causing hydroethidine and superoxide in sample to react and form 2-hydroxyethidium; and detecting presence or measuring amount of 2-hydroxyethidium, respectively

INVENTOR: KALYANARAMAN, B; ZHAO, H

PRIORITY-DATA: 2004US-0820599 (April 8, 2004)

PATENT-FAMILY:

PUB-NO

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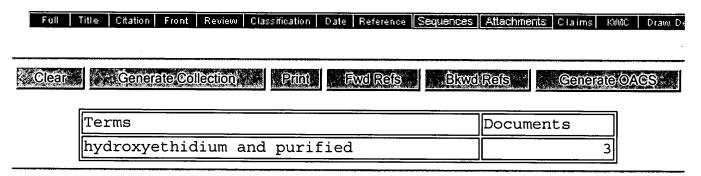
US 20050227307 A1

October 13, 2005

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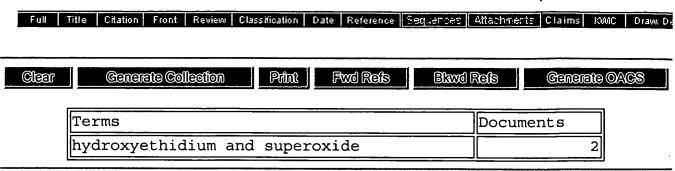
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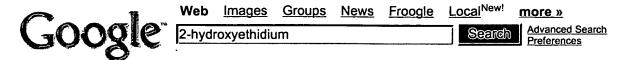


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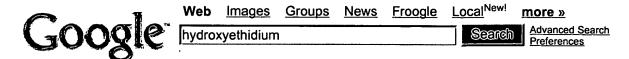
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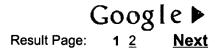
By using mass spectral and NMR techniques, the chemical structure of this product was determined as 2-hydroxyethidium (2-OH-E(+)). ...

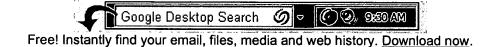
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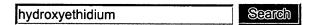
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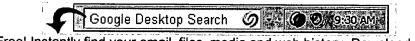
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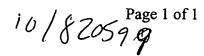
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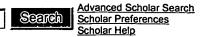
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[воок] Synthetic Chemistry of Stable Nitroxides

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